

**PATENT**

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WITH THE U.S. POSTAL SERVICE "EXPRESS MAIL POST OFFICE-TO-  
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INDICATED BELOW AND IS ADDRESSED TO MAIL STOP PATENT  
APPLICATION, COMMISSIONER FOR PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VA 22313-1450 ON

February 24, 2004

DATE OF DEPOSIT

Anita J. Salo

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Anita J. Salo

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02/24/2004

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Yun Luo et al.  
Filing Date : Concurrently Herewith  
For : METHOD AND APPARATUS  
FOR ARBITRATING OUTPUTS  
FROM MULTIPLE PATTERN  
RECOGNITION CLASSIFIERS  
Attorney Docket No. : TRW(TE)6896

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

This information disclosure statement is being filed to fulfill the duty of candor  
and good faith toward the Patent and Trademark Office in accordance with 37 CFR  
§1.56.

A copy of the PTO Form 1449 has been attached.

**U.S. PATENT DOCUMENTS**

U.S. Patent No. 5,086,480	U.S. Patent No. 6,459,974
U.S. Patent No. 5,330,226	U.S. Patent Appln. Pub. No. 2002/0050924
U.S. Patent No. 6,141,432	U.S. Patent Appln. Pub. No. 2002/0149184
U.S. Patent No. 6,144,366	U.S. Patent Appln. Pub. No. 2003/0036835
U.S. Patent No. 6,324,453	U.S. Patent Appln. Pub. No. 2003/0125855
U.S. Patent No. 6,393,133	U.S. Patent Appln. Pub. No. 2003/0204384

**OTHER DOCUMENTS**

Takahashi et al., "OPTIMIZING DIRECTED ACYCLIC GRAPH SUPPORT VECTOR MACHINES".

U.S. Wallace et al. Patent Appln. Serial No. 10/447,248, filed May 28, 2003 entitled "METHOD AND APPARATUS FOR DETERMINING AN OCCUPANT'S HEAD LOCATION IN AN ACTUATABLE OCCUPANT RESTRAINING SYSTEM," Attorney Docket No. TRW(TE)6488.

U.S. Lu et al. Patent Application filed February 5, 2004 entitled "METHOD AND APPARATUS FOR SELECTIVELY EXTRACTING TRAINING DATA FOR A PATTERN RECOGNITION CLASSIFIER USING GRID GENERATION," Attorney Docket No. TRW(TE)6894.

**OTHER DOCUMENTS**

U.S. Lu et al. Patent Application filed February 5, 2004 entitled "METHOD AND APPARATUS FOR CLASSIFYING IMAGE DATA USING CLASSIFIER GRID MODELS," Attorney Docket No. TRW(TE)6895.

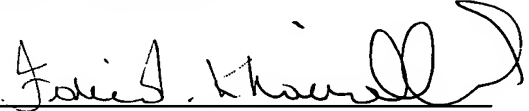
Respectfully submitted,



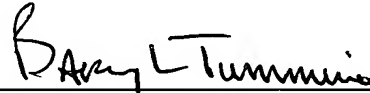
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FORM PTO-1449  
(REV. 6-89)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: TRW(TE)6896

SERIAL NO. TBD

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(Use several sheets if necessary)*

APPLICANT(S): Yun Luo et al.

FILING DATE: Concurrently Herewith

GROUP: TBD

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
A	US-5,086,480	Feb. 4, 1992	Sexton			
B	US-5,330,226	Jul. 19, 1994	Gentry et al.			
C	US-6,141,432	Oct. 31, 2000	Breed et al.			
D	US-6,144,366	Nov. 7, 2000	Numazaki et al.			
E	US-6,324,453	Nov. 27, 2001	Breed et al.			
F	US-6,393,133	May 21, 2002	Breed et al.			
G	US-6,459,974	Oct. 1, 2002	Baloch et al.			
H	US-2002/0050924	May 2, 2002	Mahbub			
I	US-2002/0149184	Oct. 17, 2002	Ertl et al.			
J	US-2003/0036835	Feb. 20, 2003	Breed et al.			
K	US-2003/0125855	Jul. 3, 2003	Breed et al.			
L	US-2003/0204384	Oct. 30, 2003	Owechko et al.			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
					YES	NO
M						
N						
O						

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

P	Takahashi et al., "OPTIMIZING DIRECTED ACYCLIC GRAPH SUPPORT VECTOR MACHINES."
Q	U.S. Wallace et al. Patent Appln. Serial No. 10/447,248, filed May 28, 2003 entitled "METHOD AND APPARATUS FOR DETERMINING AN OCCUPANT'S HEAD LOCATION IN AN ACTUATABLE OCCUPANT RESTRAINING SYSTEM," Attorney Docket No. TRW(TE)6488.
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EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent applicants' attorney.